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| FORM PTO-1449<br>(Rev. 2-32)                  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | SERIAL NO.<br><b>NOT YET ASSIGNED</b>                                 | DOCKET NO.<br><b>Q58140</b> |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |                                                            | APPLICANT <b>Mamoru HORIKOSHI, Koki MAMETSUKA and Takashi HIROOKA</b> |                             |
| (Use several sheets if necessary)             |                                                            | FILING DATE<br><b>March 13, 2000</b>                                  | GROUP                       |

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

|     |  | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES/NO              |
|-----|--|-----------------|----------|---------|-------|----------|------------------------------------|
| DJS |  | 95/34659 A      | 12/21/95 | WO J    | —     | ——       | Copy submitted to<br>USPTO by WIPO |
|     |  |                 |          |         |       |          |                                    |
|     |  |                 |          |         |       |          |                                    |
|     |  |                 |          |         |       |          |                                    |
|     |  |                 |          |         |       |          |                                    |

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

|     |   |                                                                                                                                                                                                                                                                |   |
|-----|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| DJS | ✓ | Proc. Natl. Acad.Sci., vol.94, No.16, (1997), Inna Lermontova et al.<br>"Cloning and characterization of a plastidal and a mitochondrial isoform of tobacco protoporphyrinogen IX oxidase" p. 8895-8900 (Copy submitted to USPTO by WIPO)                      | ✓ |
| DJS |   | Biochem.J., vol.260, (1989), Michel Matringe et al.<br>"Protoporphyrinogen oxidase as a molecular target for diphenyl ether herbicides" p.231-235 (Copy submitted to USPTO by WIPO)                                                                            | ✓ |
| DJS | ✓ | The Journal of Biological Chemistry, vol.270, No.14, (1995), Koichi Nishimura et al.<br>"Cloning of a Human cDNA for Protoporphyrinogen Oxidase by Complementation in Vivo of a hemG Mutant of Escherichia coli" p.8076-8080 (Copy submitted to USPTO by WIPO) | ✓ |
| DJS |   | Journal of General Microbiology, vol. 113, (1979), A.Sasarman,P. et al<br>"Mapping of a New hem Gene in Escherichia coli K12" p.297-303 (Copy submitted to USPTO by WIPO)                                                                                      | ✓ |
| DJS |   | Gene, vol.182, No. 1-2, (1996), Shin-ichiro Narita et al.<br>"Molecular cloning and characterization of a cDNA that encodes protoporphyrinogen oxidase of Arabidopsis thaliana" p.169-175 (Copy submitted to USPTO by WIPO)                                    | ✓ |
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EXAMINER AS DATE CONSIDERED 7/15/02